

18

RECEIVED
CENTRAL FAX CENTER

SEP 06 2006

REMARKS/ARGUMENTS

1. In the above referenced Office Action, the Examiner rejected claims 1, 4, 5, 9-10, 13, 15, 17, 19, 21, 23 and 27 under 35 USC § 102 (e) as being anticipated by Sugar (U.S. Pub. No. 2003/0203743); claim 3 under 35 USC § 103 (a) as being unpatentable over Sugar (U.S. Pub. No. 20030203743) in view of Batra (U.S. Pub. No. 2005/0245199); claims 6 and 11 under 35 USC § 103 (a) as being unpatentable over Sugar (U.S. Pub. No. 20030203743) in view of Dixon (U.S. Pub. No. 2004/0216003); claims 12, 18 and 26 under 35 USC § 103 (a) as being unpatentable over Sugar (U.S. Pub. No. 20030203743) in view of Cheng (U.S. Pub. No. 2003/078011); and claims 7-8 and 24-25 under 35 USC § 103 (a) as being unpatentable over Sugar (U.S. Pub. No. 20030203743) in view of Gunzelmann (U.S. Pub. No. 2004/0097250). Applicant thanks the Examiner for the favorable treatment of claims 2, 14, 16, 20, 22 and 28 and the indication that these claims are allowable if rewritten in independent form.

Claims 1-28 are currently pending in this application. Claims 1-2, 15, and 20-22 have been amended. The rejections above have been traversed and, as such, the applicant respectfully requests reconsideration of the allowability of claims 1-28.

2. As discussed above, claim 1 was rejected based on Sugar. Claim 1 has been amended to include subject matter drawn from allowable claim 2. In particular claim 1 now includes:

a diversity antenna arrangement, that includes a first antenna, a second antenna, a first diplexer

19

coupled to the first antenna, and a second diplexer coupled to the second antenna, that selectively couples the first radio section to one of the first antenna and the second antenna, and that selectively couples the second radio section to one of the first antenna and the second antenna.

Sugar does not disclose suggest or teach such a diversity antenna arrangement. For this reason, Applicant believes that claim 1 and claims 2-14 that depend therefrom, are patentably distinct from the prior art.

3. Claim 21 was also rejected based on Sugar. Claim 21 has been amended in a manner similar to claim 1 to include subject matter drawn from allowable claim 22. For this reason, Applicant believes that claim 21 and claims 22-28 that depend therefrom, are patentably distinct from the prior art.

4. Claim 15 was also rejected based on Sugar. Claim 15 has been amended to include subject matter from allowable claim 20. In particular, claim 15 now recites:

digital baseband processing module operably coupled to convert outbound data into outbound digital baseband signals and to convert inbound digital baseband signals into inbound data, wherein the digital baseband processing module includes:

20

RECEIVED
CENTRAL FAX CENTER

SEP 06 2006

a first physical layer corresponding to
the first mode of operation and to a
third mode of operation;

a second physical layer corresponding
to the second mode of operation;

physical layer coupling module operably
coupled to the first and second
physical layers to facilitate the third
mode of operation;

Sugar does not disclose, suggest or teach such a configuration for the baseband processing module. For this reason, Applicant believes that claim 15 and claims 16-20 that depend therefrom, are patentably distinct from the prior art.

21

RECEIVED
CENTRAL FAX CENTER

SEP 06 2006

For the foregoing reasons, the applicant believes that claims 1-28 are in condition for allowance and respectfully request that they be passed to allowance.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present invention.

No additional fee is due. The Commissioner is authorized to charge any fees that are required or credit any overpayment to Deposit Account No. 50-2126 (BP3211).

RESPECTFULLY SUBMITTED,

By: /Bruce E. Stuckman reg. 36,693/
Bruce E. Stuckman
Phone: (512) 241-8444
Fax No. (512) 241-8445

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to fax number (571) 273-8300 address to: Commissioner of Patents and Trademarks, Alexandria, Virginia 22313, on the date below:

Date

09/06/2006

Signature

